



**PATENT**  
Attorney Docket No. 502645  
Client Reference No. 02-0803B-US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Matthew Viele et al.

Art Unit: 3747

Application No.: 10/822,621

Examiner: Hai H. Huynh

Filed: April 12, 2004

For: METHOD AND APPARATUS FOR  
DETECTING ABNORMAL  
COMBUSTION CONDITIONS IN  
RECIPROCATING ENGINES  
HAVING HIGH EXHAUST GAS  
RECIRCULATION

**RESPONSE TO OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated February 28, 2005, please enter the following amendments and consider the following remarks.

| <b><u>CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8</u></b>   |                  |      |               |
|---|------------------|------|---------------|
| I hereby certify that this Response to Office Action and all accompanying documents are, on the date indicated below, <input checked="" type="checkbox"/> being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or <input type="checkbox"/> being facsimile transmitted to the U.S. Patent and Trademark Office, Attention: Examiner _____, Art Unit _____, Facsimile Number _____. |                  |      |               |
| Name (Print/Type)   | Tauna M. Billups |      |               |
| Signature   | Tauna M. Billups | Date | April 5, 2005 |